



1 **GROUNDING PLAN**  
1/4" = 1'-0"

GROUNDING TABLE			
#	FROM	TO	GND WIRE SIZE (AWG)
1	MAIN GROUND BAR	SWGR "MSG-1A"	SEE RISER DIAGRAM ON DWG E300
2	MAIN GROUND BAR	SWGR "MSG-1B"	SEE RISER DIAGRAM ON DWG E300
3	MAIN GROUND BAR	SWBD "GDP-1"	SEE RISER DIAGRAM ON DWG E300
4	MAIN GROUND BAR	ELEV. MACH RM 175 GRD BAR	#8
5	MAIN GROUND BAR	ELEV. MACH RM 153 GRD BAR	#8
6	MAIN GROUND BAR	ELEV. MACH RM 143 GRD BAR	#8
8	MAIN GROUND BAR	GENERATOR	SEE RISER DIAGRAM ON DWG E300
9	MAIN GROUND BAR	FIRE PUMP	SEE RISER DIAGRAM ON DWG E300
10	MAIN GROUND BAR	TELEPHONE RM 151 ISOL. GRD BAR	#6
11	MAIN GROUND BAR	MAIN WATER SERVICE PIPE	#10
12	MAIN GROUND BAR	TRANSFORMERS IN MAIN ELEC RM 149	SEE RISER DIAGRAM ON DWG E300
13	MAIN GROUND BAR	2ND FLR COMM. RM 217 ISOL. GRD BAR	#6
14	MAIN GROUND BAR	2ND FLR COMP. RM 240 ISOL. GRD BAR	#6
15	MAIN GROUND BAR	2ND FLR TELECOM RM 204 ISOL. GRD BAR	#6
16	MAIN GROUND BAR	2ND FLR ELEC. RM 230 GRD BAR	#4
17	MAIN GROUND BAR	3RD FLR ELEC. RM 334 GRD BAR	#10
18	MAIN GROUND BAR	3RD FLR COMM. RM 313 ISOL. GRD BAR	#6
19	MAIN GROUND BAR	LIGHTNING PROTECTION SYSTEM	#1
20	MAIN GROUND BAR	LIGHTNING PROTECTION SYSTEM	#1
21	3RD FLR ELEC. RM 334 GRD BAR	SWBD "SB-3"	SEE RISER DIAGRAM ON DWG E300
22	3RD FLR ELEC. RM 334 GRD BAR	TRANSFORMERS IN 3RD FLR ELEC. RM 334	SEE RISER DIAGRAM ON DWG E300

- NOTES:
1. REFER TO SPECIFICATION 16060 FOR ADDITIONAL INFORMATION.
  2. SIZE GROUND BARS (LENGTH) AS REQUIRED PER NUMBER OF CONNECTIONS.
  3. SEE UNDERGROUND PACKAGE TO COORDINATE EXISTING AND NEW WORK.
  3. TELECOMMUNICATIONS GROUNDING BUSBARS SHALL BE NEWTON PART FIG. 3058 INSULATED GROUND BAR, 1/4"x4"x10" OR EQUIVALENT.



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NEW PASSENGER  
TERMINAL

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Landscaping Consultants:  
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ENGINEER CERTIFICATION

I hereby certify that the engineering plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: Douglas C. Mass

Signature:

Date: 08/16/10 Reg. No.: 21067

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
3	PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.17.10
	BID PACKAGE 2A	1.24.11
△	BP2A ADDENDUM 2	2.25.11

DATE ISSUED: 02-25-11  
REVIEWED BY: XXX  
DRAWN BY: JK  
DESIGNED BY: JK

AEP PROJECT NUMBER  
213-1882-091  
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SHEET TITLE  
**GROUNDING PLAN**

SHEET NUMBER  
**E201**  
BID PACKAGE 2A  
ADDENDUM 2